

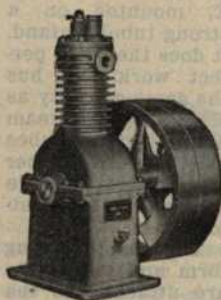
CURTIS SINGLE AND TWO-STAGE AIR COMPRESSORS

"AN ORIGINAL DESIGN"

PURE AIR means better service, because oil ruins tires, and AIR FREE FROM OIL means fewer blowouts—fewer punctures—greater tire mileage—less repairs; saves them many dollars upkeep every month.

Better Service Means More Customers

1. CONTROLLED SPLASH SELF-OILING SYSTEM, with cylinder oiling permanently regulated. No oil gets into the tires to rot them.



STYLE "V" SINGLE STAGE OUTFIT

Belted or Geared

Outfit includes compressor motor and tank, self-adjusting idler and leather belt, or cut gear and raw hide pinion as desired; also 20 feet of hose with tire chuck.

Automatic device cuts in at 120 pounds and out at 150 pounds.

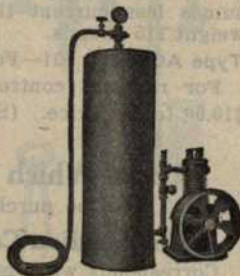


Size	1	*2	3	*4	5
Bore and Stroke.....	1 1/2 x 2 1/2	2 1/2 x 2 1/2	2 1/2 x 3	3 x 3 1/2	4 1/2 x 4 1/2
Minimum Speed.....	450	350	300	250	200
Cu. Ft. Displacement...	1.08	1.8	2.55	3.58	8.28
H. P. at 100 lbs.....	.22	.41	.52	.81	1.93
H. P. at 200 lbs.....	.28	.55	.70	1.03	2.52
Usual Size Motor, H. P..	1/2	3/4	1	1 1/2	3
Maximum Speed.....	700	600	550	500	400
Cu. Ft. Displacement...	1.68	2.70	4.7	7.20	16.5
H. P. at 100 lbs.....	.34	.54	.95	1.45	3.34
Size Pulley.....	9x1 1/2	11x2 1/2	12x2 1/2	14x2 3/4	18x4 1/2
With Tight P. only.....	\$46.40	\$60.50	\$76.30	\$80.60	\$172.80
Shipping Weight T. P.....	50	65	90	130	250
With T. & L. Pulley.....	\$52.20	\$66.20	\$82.10	\$86.40	\$201.60
Shipping Weight T. & L.....	55	75	100	145	300
Auto Starter.....	\$64.00	\$64.00	\$72.00	\$80.00	\$120.00

*The No. 4 is the most popular size for garage service, and the No. 2, the next most popular. See data below.

STYLE "S" SINGLE STAGE OUTFITS

These outfits are complete, including air compressors with hand unloader, and tight pulley only (see extra if loose pulley is wanted); also steel pressure tank, air gauge, drain cock, outlet cock from tank with 20 feet of hose with tire chuck, and piping complete between the compressor and tank, as illustrated.



Style and No.	Size of Compressor	Size of Pipe	Size of Tank	Cap. in Gals.	Price Complete Outfit as Above	App. Shipping Wt.	Extras Loose Pulley	Extra for Auto. Starting and Stopping Device
S-1	1 1/2 x 2	1/2	12x36	17.2	\$ 99.40	125	\$4.30	\$48.00
S-2	2 1/2 x 2 1/2	3/4	16x36	32.2	117.60	140	4.30	48.00
S-3	2 1/2 x 3	3/4	16x36	32.2	131.00	190	4.30	54.00
*S-4	3 x 3 1/2	3/4	18x48	52.5	150.00	295	4.30	60.00
S-5	4 1/2 x 4 1/2	1 1/4	20x60	82.5	283.20	480	21.60	90.00

CURTIS AIR AND WATER STANDS

No oil checks, no counterweights, no clock spring to crystallize and break, no swinging hose to blow or whip around and be dangerous to persons standing near by, or to glass, windshield or finish of the car. Price of either column or low type as illustrated, with 20 feet of air hose and chuck, without water connections, F. O. B. St. Louis, list.....\$90.00



Either type, complete as above, also including faucet, 10 feet of water hose and spring nozzle, list.....\$113.00
Intermittent automatic flasher attachment for light, 110-125 volt, extra, list.....\$7.50



Or for 6-8, 32 or 220 volt, extra \$9.70

EXTRAS ON "S" AND "V" OUTFITS

For 25 or 40 cycle alternating current motors, increase lists 15%.
The tanks listed are not suitable for use in California, Detroit, Chicago or Canada.

For 150 pounds pressure California Specification Tanks, advance lists 5% on "V" Single Stage Outfits, and 15% on "S" Single Stage Outfits.

Chicago or Detroit Tanks quoted on application.

STYLE "V" TWO STAGE OUTFITS

(Belted Only)

SPECIFICATIONS

Outfit consists of No. 20T Curtis Two-Stage Compressor, 16 x 36 inches or 20 x 48 inches, steel air tank, 200 pounds working pressure, Motor A. C. or D. C., as ordered, motor pulley, self-adjusting idler and single leather drive belt, pop safety valve, pressure gauge, drain cock, all necessary piping from compressor to tank, 20 feet of special air hose and tire chuck.



PRICES AND DATA

Style and No.	Mot. H.P.	Com. Sp.	C. Ft. Displacement	Size Tank	D. C. 110-220 Volts	A. C. S. Ph. 60 Cy. 110-220 Volts	A. C. 2 or 3 Ph. 60 Cy. 110-220 Volts	Extra Auto. Start'g and Stopping Device
V-20	3/4	210	2.6	16x36	\$441.80	\$456.00	\$427.50	\$57.00
V-20a	3/4	210	2.6	20x48	477.40	490.20	461.70	57.00
V-40	1	280	3.4	16x36	456.00	468.80	441.80	71.30
V-40a	1	280	3.4	20x48	513.00	527.30	484.50	71.30
V-60	1 1/2	410	5.0	20x48	567.20	552.70	545.80	106.90
V-80	2	550	6.6	20x48	638.40	688.30	588.50	106.90

NOTE—No extra charge for California tanks on two-stage outfits, but tanks furnished are approved in California for 150 pounds pressure, instead of 200 pounds.

Tanks listed not suitable in Detroit, Chicago or Canada.

For 25 or 40 cycle alternating current motors, increase above lists 15%.

Automatic device cuts in at 140 pounds and out at 175 pounds, except in California where same cuts in at 120 pounds and out at 150 pounds

INFORMATION WANTED ON "V" OUTFITS

Whether belted or geared.

If direct current, give voltage.

If alternating current, give voltage, number of cycles and phase.

Always state what extras are wanted.

CURTIS SINGLE AND TWO-STAGE AIR COMPRESSORS

"AN ORIGINAL DESIGN"

STYLE "Z" SINGLE STAGE OUTFITS (Belted Only)



Price includes compressor, tank and motor of size specified, piping between compressor and tank, including 20 feet of hose and tire chuck, shut-off cock, air gauge, pop safety valve and drain cock, single leather drive belt, mounted on oak base, as illustrated. Belted only.

Style and No.	Motor H. P.	Size Tank In.	Complete with Motor				Extra for Autom'e Starting and Stopping Device
			D. C. 110-220 Volts	A. C. 60 Cy. Sg. Ph. 110-220	A. C. 60 Cy. 2or3Ph. 110-220	App. Shp. Wt.	
Z-1a	1/4	12x36	\$216.00	\$259.20	\$259.20	245	\$60.00
*Z-2a	1/2	16x36	291.60	318.60	318.60	300	60.00
Z-3a	3/4	16x36	324.00	382.50	358.80	365	67.50
*Z-4a	1	16x36	378.00	423.90	377.30	410	75.00
Z-4b	1	18x48	396.90	442.80	396.40	500	75.00
Z-5	3	18x48	758.10	761.40	602.40	780	112.50
Z-5a	3	20x60	801.90	788.40	626.70	840	112.50

STYLE "X" SINGLE STAGE OUTFITS (Belted or Geared)



Includes compressor, motor and tank of sizes listed, self-adjusting idler and single leather drive belt or cut fly wheel gear and rawhide pinion as desired. Piping between compressor and tank, 20 feet of hose with tire chuck, 20 feet of cord with plug and switch. Outfit mounted on wheels.

Style and No.	Motor H. P.	Size Tank In.	Complete with Motor				Extra for Autom'e Starting and Stopping Device
			D. C. 110-220 Volts	A. C. 60 Cy. Sg. Ph. 110-220	A. C. 60 Cy. 2 or 3 Ph. 110-220	App. Shp. Wt.	
X-1a	1/4	12x36	\$286.20	\$315.90	\$315.90	320	\$60.00
*X-2a	1/2	16x36	348.30	375.30	375.30	390	60.00
X-3a	3/4	16x36	382.50	450.30	440.70	440	67.50
X-4	1	16x36	450.00	504.90	450.80	500	75.00
X-5	3	18x48	861.00	828.90	716.30	900	112.50

CURTIS AIR TANKS AND FITTINGS

Prices include pop valve, gauge and drain cock. Not suitable in Cal., Detroit, Chicago or Canada. Write for price.



Size of Tank	Cap. in Gal.	Cap. in Cu. ft.	Usual Size of Compressor	Tank and Fittings,* No Piping for 150 Lbs. Working Air Pressure	
				Wt.	Price
12x36	17.2	2.3	2 1/4 x 2 1/2"	60	\$32.80
16x36	32.2	4.3	2 1/2 x 3"	77	37.80
18x48	52.5	7.0	or two-stage 3x3 1/2"	117	55.40
20x60	82.5	11.0	or two-stage 4 1/2 x 4 1/2"	176	80.60
			or truck-tire		

Service Car Tank 16x36, no hose.....\$51.50



Size Comp.	Usual Size Tank	Size of Piping	Piping Between Comp. and Tank	Plain Needle Valve*	Dash Pot Check Valve	Pop Safety Valve
1 1/4 x 2	12x36	1/2	\$5.00	\$3.80	\$5.30	\$4.60
2 1/4 x 2 1/2	16x36	1/2	5.00	3.80	5.30	4.60
Two-stage	16x36	1/2	5.00	3.80	5.30	4.60
2 1/4 x 3	16x36	3/4	7.60	4.40	6.30	4.60
3 x 3 1/2	18x48	3/4	7.60	4.40	6.30	4.60
4 1/2 x 4 1/2	20x60	1 1/4	10.10	7.60	11.90	4.60
Truck-tire	20x60	1 1/4	10.10	7.60	11.90	4.60

Air Gauge only.....\$ 2.50
Drain Cock only.....80
20 ft. of Hose and Tire Chuck.....12.60
Blow Pipe Air Nozzle.....3.20
* 1/4 in. Plain Needle Valve (Outlet Cock).....2.10
For Hose Attachment on Outlet Cock......70
1/4 in. Pressure Reducing Valve.....19.60
1/4 in. Pipe Connections. † = 3/8 ‡ = 1/2

*Popular size garage outfits. ALL PRICES SUBJECT TO DISCOUNT.

EXTRAS ON ALL OUTFITS

For 25 or 40 cycle alternating current motors, increase above lists 15% on Z and X outfits.

The tanks listed are not suitable for use in California, Detroit, Chicago or Canada.

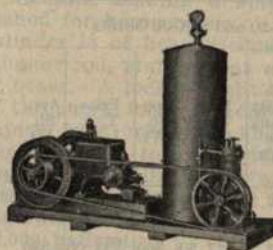
For 150 pounds pressure California Specification Tanks, advance these lists 5%.

Chicago or Detroit Tanks quoted on application.

Oil-proof rubber tires on wheels. "X" outfits, extra \$13.50.

INFORMATION WANTED. (See preceding page.)

GASOLINE ENGINE DRIVEN OUTFITS



Engine with 1 1/2 brake horse power, hopper cooled, fuel supply tank in base, auxiliary gasoline tank for starting purposes where kerosene or distillate is used, throttling governor, high tension magneto (i. e., jump spark, not make and break ignition), with switch by which ignition can be quickly cut off, stopping the engine without closing the throttling valve, all necessary oil cups and starting crank included.

Our outfit can be easily started by hand since the compressor is supplied with a hand unloader.

Our outfit can be easily started by hand since the compressor is supplied with a hand unloader.

PRICES AND DATA, SINGLE OR TWO-STAGE

Z-3-AG Single-Stage Outfit, 2 1/4 x 3 inch compressor, 500 R.P.M., 4.26 cubic feet displacement; 1 1/2 H. P. hopper-cooled engine, high tension magneto; 16x36 inches, 150 pounds, 32-gallon tank.....\$352.50

Z-4-BG, same outfit, with 3x3 1/2 inch compressor, 320 R.P.M., 4.58 cubic feet displacement, 18x48 inches, 53-gallon tank.....\$412.50

Z-4-AG, same outfit, with Curtis TWO-STAGE Compressor, 363 R.P.M., 4.43 cubic feet displacement; 16x36 inches, 32-gallon tank.....\$420.00

Z-4-BG Two-Stage Outfit, but with 18x48 inches, 53-gallon tank.....\$465.00

Automatic pressure stopping device to automatically stop either outfit at 135 to 150 pounds (not automatic starting), extra.....\$ 27.00

Automatic low pressure alarm set at any desired pressure including bell and wiring, no batteries (two dry cells required).....\$ 7.50



CURTIS SINGLE AND TWO-STAGE AIR COMPRESSORS

The efficiency of a two-stage compressor depends directly on the degree of the intercooling effected. CURTIS Intercoolers are made of COPPER with thin radiating fins rigidly attached to the tube—135% greater heat radiating properties than cast iron—100% greater than steel pipe—22% better than aluminum. Excepting gold and silver, copper radiates heat faster than any other metal.

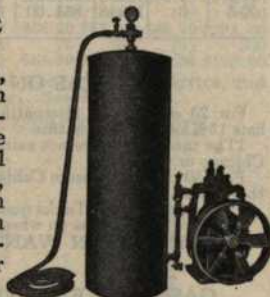


Made in one size only.

Bore Low Pressure Cylinder	3 inches
Stroke Low Pressure Piston	3 inches
Bore High Pressure Cylinder	1 1/2 inches
Stroke High Pressure Piston	2 1/2 inches
Displacement at 210 R. P. M. (Min.)	2.6 cu. ft.
Displacement at 280 R. P. M. (Std.)	3.4 cu. ft.
Displacement at 410 R. P. M.	5.0 cu. ft.
Displacement at 550 R. P. M.	6.6 cu. ft.
Electric Motor H. P. recommended at 210 R. P. M.	3/4 H. P.
Electric Motor H. P. recommended at 280 R. P. M.	1 H. P.
Electric Motor H. P. recommended at 410 R. P. M.	1 1/2 H. P.
Electric Motor H. P. recommended at 550 R. P. M.	2 H. P.
Pulley Size	16 1/2" dia. 2 3/4" face
Shipping Weight	T. & L. P. 175 lbs.; T. P. 155 lbs.
Price No. 20-T, Tight Pulley only	\$146.90
Price No. 20-L, Tight and Loose Pulleys	154.10

STYLE "S" TWO STAGE OUTFIT

These outfits are complete, including air compressor with hand unloader and tight pulley only (see extra if loose pulley is wanted); also steel pressure tank, air gauge, drain cock, outlet cock from tank with 20 feet of hose with tire chuck, and piping complete between the compressor and tank, as illustrated.



Data S-20 or S-20-A Outfit		Prices S-20 and S-20-A Outfits						
Com. or Sp.	Cu. Ft. Displacement	H. P. Required 200 lbs. Air Pres.	Style and Number	Size Tank	Capacity Tank in Gals.	Price T. P. Only	App. Sh. Wt.	Price T. & L. P.
210	2.6	3/4	S-20-A	16x36	52.5	\$208.00	380	\$214.50
280	3.4	1						
410	5.0	1 1/2						
550	6.6	2	S-20*	18x48	32.2	227.50	360	234.00

STYLE "W" TWO STAGE OUTFITS (Belted Only)

Outfit consists of No. 20T Curtis Two-Stage Compressor, A. C. or D. C. Motor, as ordered, with motor pulley, self-adjusting idler and single leather drive belt; motor and compressor mounted on cast iron base.



Style and No.	Motor H. P.	Com. Speed	Cu. Ft. Displacement	D. C. 110-220 Volts	A. C. Sg. Ph. 60 Cy. 110-220 Volts	A. C. 2or3Ph. 60 Cy. 110-220 Volts	Wt.	Extra Auto. Starting and Stopping Device
*W-20	3/4	210	2.6	\$371.90	\$386.20	\$364.80	330	\$57.00
W-40	1	280	3.4	384.80	399.00	370.50	350	71.30
W-60	1 1/2	410	5.0	420.40	505.90	399.00	425	106.90
W-80	2	550	6.6	520.10	570.00	470.30	450	106.90

INFORMATION WANTED ON ALL OUTFITS

Whether belted or geared.

If direct current, give voltage.

If alternating current, give voltage, number of cycles and phase.

STYLE "W" SINGLE STAGE OUTFITS

(Belted or Geared)

Outfit includes compressor and motor of size listed, self-adjusting idler and single leather drive belt or cut fly wheel gear and rawhide pinion as desired; all mounted on cast iron base as illustrated opposite; no tank.



Style and No.	Motor H. P.	Complete with Motor				Extra for Auto. Starting and Stopping Device
		D. C. 110-220 Volts	A. C. 60 Cy. Sg. Ph. 110-220 Volts	A. C. 60 Cy. 2 or 3 Ph. 110-220 Volts	App. Shipping Weight	
W-1	3/4	\$194.40	\$224.10	\$224.10	160	\$60.00
*W-2	1	256.50	283.50	283.50	245	60.00
W-3	1 1/2	283.50	364.50	315.90	300	67.50
*W-4	1	367.20	413.10	337.50	350	75.00
W-5	3	686.10	683.10	495.00	675	112.50

STYLE "Y" SINGLE STAGE OUTFIT

Style Y-1-A Portable Outfit, illustrated opposite, includes 1 1/2"x2 inch compressor, fan fly wheel, with internal gear, 1/4 H. P. Motor, either A. C. or D. C. as desired, expansion chamber, snap switch and drain cock, 20 feet of electric cord and plug, 15 feet of best grade pump tubing with tire chuck and air gauge, combination push bar handle and hose rack; all mounted on cast iron base running on large diameter wheels.



Not furnished for 25 or 40 cycle current or for three-phase current. Price.....\$195.00
Y-1-B Stationary Outfit same as above, but no push bar handle, no electric cord, nor wheels. Price.....\$187.50

STYLE "X" TWO STAGE OUTFIT (Belted Only)

Includes compressor, motor and tank of sizes listed, self-adjusting idler and single leather drive belt. Piping between compressor and tank, 20 feet of hose with tire chuck, 20 feet of cord with plug and switch. Outfit mounted on wheels.



Style and No.	Motor H. P.	Com. Speed	Size Tank	D. C. 110-220 Volts	A. C. Sg. Ph. 60 Cy. 110-220 Volts	A. C. 3 Ph. 60 Cy. 110-220 Volts	Wt.	Extra Auto. Starting and Stopping Device
*X-20	3/4	210	16x36	\$487.40	\$501.60	\$473.10	590	\$57.00
X-20-A	3/4	210	18x48	525.80	540.10	513.00	630	57.00
X-40	1	280	16x36	501.60	517.90	487.40	610	71.30
X-40-A	1	280	18x48	555.80	570.00	527.30	650	71.30
X-60	1 1/2	410	18x48	655.50	741.00	634.10	700	106.90

NOTE—No extra charge for California tanks on "X" two-stage outfits, but tanks furnished are approved in California for 150 pounds pressure, instead of 200 pounds.

Tanks listed not suitable in Detroit, Chicago or Canada.

For 25 or 40 cycle alternating current motors, increase list on "W" single stage outfits 20%; "W" and "X" two stage outfits, 15%.

Automatic device on two stage outfits cuts in at 140 pounds and out at 175 pounds, except in California where same cuts in at 120 pounds and out at 150 pounds same as on single stage outfits.

EXTRA—For equipping "X" outfits with oil-proof rubber tires on wheels, add \$12.80.

*Popular size garage outfits. ALL PRICES SUBJECT TO DISCOUNT.